

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT

SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986
(PROPOSITION 65)

**STATUS REPORT:
NO SIGNIFICANT RISK LEVELS
FOR CARCINOGENS
AND
ACCEPTABLE INTAKE LEVELS
FOR REPRODUCTIVE TOXICANTS**

JANUARY 1994

Note to Reader: This document reports on the status of the development and adoption of daily intake levels calculated for purposes of the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). Parts A and B provide a compilation of daily intake levels for carcinogens and reproductive toxicants, respectively, and include levels which have been formally adopted into regulation as well as levels that are in various stages of the adoption process. Carcinogens for which dose-response assessments have not been performed are listed in Part C under four priority levels.

This status report will be updated on a regular basis.

A. No Significant Risk Levels for Carcinogens

The following table lists the "no significant risk levels" that have been calculated for Proposition 65 carcinogens. The table includes levels which have been formally adopted into regulation as well as levels that are in various stages of the adoption process (see "Status" column).

Levels adopted into regulation (Title 22, California Code of Regulations, Sections 12705 and 12709) are intended to provide "safe harbors" for persons subject to the Act, and do not preclude the use of alternative levels that can be demonstrated by their users as being scientifically valid. "No significant risk levels" represent the daily intake level calculated to result in a cancer risk not exceeding one excess case of cancer in 100,000 individuals exposed over a 70-year lifetime.

Carcinogen	Level (µg/day)	Status ^a
A-alpha-C (2-Amino-9H-pyrido[2,3-b]indole)	2	A/12705d
Acetaldehyde	90 (inhalation)	A/12705c
Acetamide	10	A/12705d
Acetochlor	70	USEPA
2-Acetylaminofluorene	0.2	A/12705d
Acifluorfen	20	USEPA
Acrylamide	0.2	A/12705c
Acrylonitrile	0.7	A/12705b
Actinomycin D	0.00008	A/12705d
AF-2; [2-(2-furyl)-3(5-nitro-2-furyl)acrylamide]	3	A/12705d
Aflatoxins	0.02	RA/SAP
Alachlor	9	USEPA
Aldrin	0.04	A/12705b
Allyl chloride	30	A/12705c
2-Aminoanthraquinone	20	A/12705d
o-Aminoazotoluene	0.2	A/12705d
4-Aminobiphenyl	0.03	A/12705d
3-Amino-9-ethylcarbazole hydrochloride	9	A/12705d
1-Amino-2-methylantraquinone	5	A/12705d
2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	0.04	A/12705d
Amitrole	0.7	A/12705d
	0.6	USEPA
Aniline	100	A/12705c
o-Anisidine	5	A/12705d
o-Anisidine hydrochloride	7	A/12705d
Aramite	20	A/12705d
Arsenic	0.06 (inh)	A/12705b
	10 (except inh)	A/12709
Asbestos	100 fibers ^b /d (inh)	A/12705b
Auramine	0.8	A/12705d

a. Legend:

A/12705b = Adopted in Section 12705, subsection (b).

A/12705c = Adopted in Section 12705, subsection (c).

A/12705d = Adopted in Section 12705, subsection (d).

A/12709 = Adopted in Section 12709. Levels established under Section 12709 are intended to be used only when the chemical in question is present as a "trace element".

DPR = Level based on cancer potency value calculated by the California Department of Pesticide Regulation

DRAFT(e) = External draft document completed.

OEHHA = Level based on cancer potency value calculated by the Office of Environmental Health Hazard Assessment for purposes of other regulatory programs.

RA/SAP = OEHHA risk assessment completed; document has been reviewed by the Scientific Advisory Panel.

RA/nSAP = OEHHA risk assessment completed but has not been reviewed by the Scientific Advisory Panel.

USEPA = Level based on cancer potency value calculated by the U.S. Environmental Protection Agency; may be proposed for adoption by OEHHA.

- b. Fibers equal to or greater than 5 micrometers in length and 0.3 micrometers in width, with a length/width ratio greater than or equal to 3:1 as measured by phase contrast microscopy.

Azaserine	0.06	A/12705d
Azathioprine	0.4	A/12705d
Azobenzene	6	A/12705c
Benz[a]anthracene	0.04	DRAFT(e)
Benzene	7	A/12705b
Benzidine	0.001	A/12705b
Benzo[b]fluoranthene	0.04	DRAFT(e)
Benzo[j]fluoranthene	0.09	DRAFT(e)
Benzo[a]pyrene	0.06	A/12705c
Benzofuran	1	RA/nSAP
Benzotrichloride	0.05 (oral) 0.0002	USEPA DRAFT(e)
Benzyl chloride	4	A/12707c
Benzyl violet 4B	30	A/12705d
Beryllium	0.1	A/12709
Beryllium oxide	0.1	A/12705c
Beryllium sulfate	0.0002	A/12705c
Bis(2-chloroethyl)ether	0.3	A/12705b
Bis(chloromethyl)ether	0.02	A/12705b
Bromodichloromethane	5	A/12705c
Bromoform	90	USEPA
1,3-Butadiene	0.4 1	A/12705c OEHHA
Butylated hydroxyanisole	4000	A/12705b
beta-Butyrolactone	0.7	A/12705d
Cadmium	0.05 (inh)	A/12705b
Captafol	5	A/12705d
	10	USEPA
Captan	300	A/12705d
	200	USEPA
Carbon tetrachloride	5	A/12705b
Chlorambucil	0.002	A/12705d
Chlordane	0.5	A/12705c
Chlordecone (Kepone)	0.04	A/12705d
Chlordimeform	0.5	USEPA
Chlorendic acid	8	A/12705d
Chlorinated paraffins (Ave. chain length C12; approx. 60% chlorine by weight)	8	A/12705d
Chlorodibromomethane	7	A/12705d
Chloroethane (Ethyl chloride)	200	RA/nSAP
Chloroform	20 (oral) 40 (inh)	A/12705c A/12705c
Chloromethyl methyl ether (technical grade)	0.3	A/12705d
3-Chloro-2-methylpropene	5	A/12705d
4-Chloro-ortho-phenylenediamine	40	A/12705d
Chlorothalonil	200 60	A/12705d USEPA
p-Chloro-ortho-toluidine	3	A/12705d
Chlorozotocin	0.003	A/12705d
Chromium (hexavalent)	0.001 (inh)	A/12705b

Chrysene	0.2	DRAFT(e)
C.I. Basic Red 9 monohydrochloride	3	A/12705d
Cinnamyl anthranilate	200	A/12705d
Coke oven emissions	0.3	A/12705c
p-Cresidine	5	A/12705d
Cupferron	3	A/12705d
Cyclophosphamide (anhydrous)	1	A/12705d
Cyclophosphamide (hydrated)	1	A/12705d
 D&C Red No. 9		
Dacarbazine	100	A/12705d
Daminozide	0.01	A/12705d
	40	A/12705d
	80	USEPA
Dantron (Chrysazin; 1,8-Dihydroxyanthraquinone)	9	A/12705d
DDT, DDE, DDD (in combination)	2	A/12705b
DDVP (Dichlorvos)	2	A/12705c
2,4-Diaminoanisole	30	A/12705d
2,4-Diaminoanisole sulfate	50	A/12705d
4,4'-Diaminodiphenyl ether (4,4'-Oxydianiline)	5	A/12705d
2,4-Diaminotoluene	0.2	A/12705d
Dibenz[a,h]anthracene	0.2	A/12705d
7H-Dibenzo[c,g]carbazole	0.0009	DRAFT(e)
Dibenzo[a,h]pyrene	0.002	DRAFT(e)
Dibenzo[a,i]pyrene	0.002	DRAFT(e)
1,2-Dibromo-3-chloropropane	0.1	A/12705b
p-Dichlorobenzene	20	A/12705b
3,3'-Dichlorobenzidine	0.6	A/12705b
1,1-Dichloroethane	100	A/12705d
1,2-Dichloroethane (Ethylene dichloride)	10	A/12705b
Dichloromethane (Methylene chloride)	200 (inh)	A/12705b
	50	A/12705c
1,3-Dichloropropene	4 (oral)	OEHHA
	20 (inh)	DPR
Dieldrin	0.04	A/12705b
Diethyl sulfate	0.7	DRAFT(e)
Di(2-ethylhexyl)phthalate	80	A/12705c
Diethylstilbestrol	0.002	A/12705d
Diglycidyl resorcinol ether (DGRE)	0.4	A/12705d
Dihydrosafrole	20	A/12705d
3,3'-Dimethoxybenzidine (o-Dianisidine)	0.1	DRAFT(e)
3,3'-Dimethoxybenzidine dihydrochloride	0.2	DRAFT(e)
Dimethyl sulfate	0.05	RA/nSAP
4-Dimethylaminoazobenzene	0.2	A/12705d
trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole	2	A/12705d
7,12-Dimethylbenz(a)anthracene	0.003	A/12705d
3,3'-Dimethylbenzidine (o-Toluidine)	0.009	DRAFT(e)
3,3'-Dimethylbenzidine dihydrochloride	0.01	DRAFT(e)
Dimethylcarbamoyl chloride	0.05	A/12705d
1,1-Dimethylhydrazine (UDMH)	0.3	RA/nSAP
1,2-Dimethylhydrazine	0.001	A/12705d
Dimethylvinylchloride	20	A/12705d

1,6-Dinitropyrene	0.02	DRAFT(e)
1,8-Dinitropyrene	0.01	DRAFT(e)
2,4-Dinitrotoluene	2	A/12705c
1,4-Dioxane	30	A/12705b
Direct Black 38 (technical grade)	0.09	A/12705d
Direct Blue 6 (technical grade)	0.09	A/12705d
Direct Brown 95 (technical grade)	0.1	A/12705d
Disperse Blue 1	200	A/12705d
Epichlorohydrin	9	A/12705b
Estradiol 17b	0.02	A/12705d
Ethyl-4,4'-dichlorobenzilate (Chlorobenzilate)	7	A/12705d
Ethylene dibromide	0.2 (oral) 3 (inh)	A/12705b A/12705b
Ethylene oxide	2	A/12705b
Ethylene thiourea	20 6	A/12705d USEPA
Ethyleneimine	0.01	A/12705d
Folpet	200	A/12705c
Formaldehyde (gas)	40	A/12705c
2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	0.3	A/12705d
Furmecyclox	20	A/12705c
Glu-P-1 (2-Amino-6-methyldipyrido[1,2-a:3',2'-d]-imidazole)	0.1	A/12705d
Glu-P-2 (2-Aminodipyrido[1,2-a:3',2'-d]-imidazole)	0.5	A/12705d
Glycidol	0.4	DRAFT(e)
Griseofulvin	50	RA/nSAP
Gyromitrin (Acetaldehyde methylformylhydrazone)	0.07	A/12705d
HC Blue 1	10	A/12705d
Heptachlor	0.2	A/12705c
Heptachlor epoxide	0.08	A/12705c
Hexachlorobenzene	0.4	A/12705b
Hexachlorocyclohexane		
alpha isomer	0.3	A/12705c
beta isomer	0.5	A/12705c
gamma isomer	0.6	A/12705c
technical grade	0.2	A/12705b
Hexachlorodibenzodioxin	0.0002	A/12705b
Hexachloroethane	20	A/12705d
Hexamethylphosphoramide	0.01	DRAFT(e)
Hydrazine	0.04	A/12705c
Hydrazine sulfate	0.2	A/12705c
Hydrazobenzene (1,2-Diphenylhydrazine)	0.8	A/12705d
IQ (2-Amino-3-methylimidazo[4,5-f]quinoline)	0.5	A/12705d
Lactofen	4	USEPA
Lasiocarpine	0.09	A/12705d
Lead acetate	3	A/12705d

Lead subacetate	20	A/12705d
Me-A-alpha-C (2-Amino-3-methyl-9H-pyrido-[2,3-b]indole)	0.6	A/12705d
Melphalan	0.005	A/12705d
2-Methylaziridine (Propyleneimine)	0.03	RA/nSAP
3-Methylcholanthrene	0.03	A/12705d
5-Methylchrysene	0.005	DRAFT(e)
4,4'-Methylene bis(2-chloroaniline)	0.5	A/12705d
4,4'-Methylene bis(N,N-dimethyl)benzeneamine	20	A/12705c
4,4'-Methylene bis(2-methylaniline)	0.8	A/12705d
4,4'-Methylenedianiline	0.4	A/12705d
4,4'-Methylenedianiline dihydrochloride	0.6	A/12705d
Methylhydrazine	0.6	DRAFT(e)
Methylhydrazine sulfate	0.2	DRAFT(e)
Methyl methanesulfonate	7	A/12705d
2-Methyl-1-nitroanthraquinone (of uncertain purity)	0.2	A/12705d
N-Methyl-N'-nitro-N-nitrosoguanidine	0.08	A/12705d
N-Methylolacrylamide	2	RA/nSAP
Methylthiouracil	2	A/12705d
Metronidazole	4	RA/nSAP
Michler's ketone	0.8	A/12705d
Mirex	0.04	A/12705d
Mitomycin C	0.00009	A/12705d
Monocrotaline	0.07	A/12705d
5-(Morpholinomethyl)-3-[(5-nitrofurylidene)-amino]-2-oxalolidinone	0.2	DRAFT(e)
2-Naphthylamine	0.4	A/12705d
Nickel refinery dust	0.8	A/12705c
Nickel subsulfide	0.4	A/12705c
Nitrilotriacetic acid	100	A/12705d
Nitrilotriacetic acid, trisodium salt monohydrate	70	A/12705d
5-Nitroacenaphthene	6	A/12705d
5-Nitro-o-anisidine	10	A/12705d
6-Nitrochrysene	0.002	DRAFT(e)
Nitrofen (technical grade)	9	A/12705d
2-Nitrofluorene	0.09	DRAFT(e)
Nitrourazone	0.5	A/12705d
1-[(5-Nitrofurylidene)-amino]-2-imidazolidinone	0.4	A/12705d
N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	0.5	A/12705d
2-Nitropropane	30	DRAFT(e)
1-Nitropyrene	0.6	DRAFT(e)
4-Nitropyrene	0.03	DRAFT(e)
N-Nitrosodi-n-butylamine	0.06	A/12705b
N-Nitrosodiethanolamine	0.3	A/12705c
N-Nitrosodiethylamine	0.02	A/12705b
N-Nitrosodimethylamine	0.04	A/12705b
p-Nitrosodiphenylamine	30	A/12705d
N-Nitrosodiphenylamine	80	A/12705b
N-Nitrosodi-n-propylamine	0.1	A/12705b
N-Nitroso-N-ethylurea	0.03	A/12705b

N-Nitrosomethylamine	0.03	A/12705c
N-Nitroso-N-methylurea	0.006	A/12705b
N-Nitroso-N-methylurethane	0.006	A/12705d
N-Nitrosomethylvinylamine	0.004	DRAFT(e)
N-Nitrosomorpholine	0.1	A/12705d
N-Nitrosonornicotine	0.5	A/12705d
N-Nitrosopiperidine	0.07	A/12705d
N-Nitrosopyrrolidine	0.3	A/12705c
N-Nitrososarcosine	5	DRAFT(e)
Ochratoxin A	0.03	RA/nSAP
Pentachlorophenol	40	A/12705c
Phenacetin	300	A/12705d
Phenazopyridine	4	A/12705d
Phenazopyridine hydrochloride	5	A/12705d
Phenesterin	0.005	A/12705d
Phenobarbital	2	A/12705d
Phenoxybenzamine	0.2	A/12705d
Phenoxybenzamine hydrochloride	0.3	A/12705d
Phenyl glycidyl ether	5	RA/nSAP
Phenylhydrazine	0.6	DRAFT(e)
Phenylhydrazine hydrochloride	0.8	DRAFT(e)
o-Phenylphenate, sodium	200	A/12705d
Polybrominated biphenyls	0.02	A/12705b
Polychlorinated biphenyls	0.09	A/12705c
Polychlorinated biphenyls (\geq 60% chlorine by weight)	0.1	RA/SAP
Poligeenan	200	DRAFT(e)
Ponceau MX	200	A/12705d
Ponceau 3R	40	A/12705d
Potassium bromate	1	A/12705d
Procarbazine	0.05	A/12705d
Procarbazine hydrochloride	0.06	A/12705d
1,3-Propane sultone	0.3	A/12705d
beta-Propiolactone	0.05	A/12705d
Propylene oxide	3 (oral) 60 (inh)	USEPA USEPA
Propylthiouracil	0.7	A/12705d
Reserpine	0.06	A/12705d
Saccharin	2800 to 840000 ^c	DRAFT(e)
Saccharin, sodium	2800 to 840000 ^c	DRAFT(e)
Safrole	3	A/12705d
Sterigmatocystin	0.02	A/12705d
Streptozotocin	0.006	A/12705d
Styrene oxide	4	A/12705d

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- c. OEHHA is evaluating several possible approaches for deriving NSRLs for saccharin and sodium saccharin. The range corresponds to the options being considered. In addition, if the evidence supports a finding that saccharin is carcinogenic by a species-specific mechanism of action, further alternative approaches to deriving NSRLs for these compounds will be considered.

Sulfallate	4	A/12705d
Tetrachlorodibenzo-p-dioxin	0.000005	A/12705b
1,1,2,2-Tetrachloroethane	3	A/12705d
Tetrachloroethylene	14	A/12705c
Tetranitromethane	0.05	RA/nSAP
Thioacetamide	0.1	A/12705d
4,4'-Thiodianiline	0.05	A/12705d
Thiourea	10	A/12705d
Toluene diisocyanate	20	A/12705d
ortho-Toluidine	4	A/12705d
ortho-Toluidine hydrochloride	5	A/12705d
para-Toluidine	4	DRAFT(e)
Toxaphene	0.6	A/12705b
Trichloroethylene	50 (oral) 80 (inh)	A/12705b A/12705b
2,4,6-Trichlorophenol	10	A/12705b
Tris(1-aziridinyl)phosphine sulfide (Thiotepa)	0.06	A/12705d
Tris(2,3-dibromopropyl)phosphate	0.3	A/12705d
Trp-P-1 (Tryptophan-P-1)	0.03	A/12705d
Trp-P-2 (Tryptophan-P-2)	0.2	A/12705d
Urethane (Ethyl carbamate)	0.7	A/12705b
Vinyl bromide	1 (oral) 4 (inh)	RA/nSAP RA/nSAP
Vinyl chloride	3	A/12705b
Vinyl trichloride (1,1,2-Trichloroethane)	10	A/12705d
2,6-Xylylidine	100	RA/nSAP

B. Acceptable Intake Levels for Reproductive Toxicants

The following table is a compilation of acceptable intake levels for reproductive toxicants, including levels that have been adopted in regulation, and levels that have been derived by OEHHA staff but have not been established in regulation. These levels represent the no observable effect level for the reproductive toxicant, divided by 1,000.

Reproductive Toxicant	Level (µg/day)	Status ^e
Carbon disulfide	600 (oral) 1000 (inh)	RA RA
1,2-Dibromo-3-chloropropane	5	DRAFT(i)
m-Dinitrobenzene	80	RA
Ethylene oxide	20	A/12805
Lead	0.5	A/12805
Methyl bromide	1000	DRAFT(i)

e. Legend:

A/12805 = Adopted in Section 12805.

DRAFT(i) = Internal draft document completed.

RA = Risk assessment document completed.

Methyl mercury	0.3	RA
Toluene	7000 (oral) ^f 13000 (inh) ^f	A/12805 RA ^g

C. Priority List for the Development of Dose-Response Assessments for Carcinogens

OEHHA has developed the following priority list, which classifies carcinogens for which dose-response assessments have not been completed into four priorities. First Priority carcinogens will be given the highest priority, and Fourth Priority carcinogens, the lowest. The placement of carcinogens into each of the four groups is dependent upon known uses of the chemical and potential for exposure, and the availability and quality of scientific data for use in conducting dose-response assessments. In addition, complex mixtures have generally been assigned to the Fourth Priority.

Any interested party may submit recommendations to OEHHA on revising the priority assignment for any of the chemicals listed. Recommendations should be accompanied by appropriate documentation supporting the alternative priority assignment suggested.

1. **First Priority**

A. *Identified as high priority in 12/23/92 settlement of AFL-CIO et al. vs. Deukmejian ("Duke II"):*

Benzo[k]fluoranthene

Dibenz[a,h]acridine

Dibenz[a,j]acridine

Dibenzo[a,e]pyrene

Dibenzo[a,l]pyrene

Diepoxybutane

Lead phosphate

Methyl iodide

Nickel carbonyl

4-Nitrobiphenyl

B. *Other*

Acetaldehyde (oral)

Antimony oxide

1,2-Dichloropropane

Ethyl acrylate

4-Nitropyrene

Polychlorinated dibenzo-p-dioxins

Polychlorinated dibenzofurans

Selenium sulfide

2. **Second Priority**

p-Aminoazobenzene

C. I. Acid Red 114

f. Level represents absorbed dose (rounded from 6,525 mg/day) via oral administration. Since absorption of ingested toluene is at 100%, absorbed dose is equivalent to administered dose by the oral route. On the other hand, the rate of absorption of toluene via inhalation is assumed to be at 50 percent, producing an administered dose which is twice the oral exposure value (i.e., 13,050 mg/day rounded off to 13,000 mg/day).

g. Section 12805 will be amended to establish route-specific levels reflecting differences in absorption rates in future rulemaking.

Cobalt metal powder
Cobalt [II] oxide
Diaminotoluene (mixed)
1,4-Dichloro-2-butene
Isosafrole
Lead and lead compounds
1-Naphthylamine
Nickel and nickel compounds
o-Nitroanisole
Oxadiazon
Silica, crystalline (airborne particles of respirable size)
p-a,a,a-Tetrachlorotoluene
1,2,3-Trichloropropane
Triphenyltin hydroxide
Tris(2-chloroethyl)phosphate
Trypan blue (commercial grade)
4-Vinyl-1-cyclohexene diepoxide

3. Third Priority

Adriamycin (Doxorubicin hydrochloride)
Azacitidine
N,N-Bis(2-chloroethyl)-2-naphthylamine
Bischloroethyl nitrosourea (BCNU) (Carmustine)
1,4-Butanediol dimethanesulfonate (Busulfan)
Ceramic fibers (airborne particles of respirable size)
Chloramphenicol
1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU)
1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea
Ciclosporin (Cyclosporin A; Cyclosporine)
Cisplatin
Daunomycin
N,N'-Diacylbenzidine
3,3'-Dichloro-4,4'-diaminodiphenyl ether
Dienestrol
1,2-Diethylhydrazine
Diisopropyl sulfate
Diphenylhydantoin (Phenytoin)
Diphenylhydantoin (Phenytoin), sodium salt
Estrone
Ethinylestradiol
Furazolidone
Glasswool fibers (airborne particles of respirable size)
Glycidaldehyde
Medroxyprogesterone acetate
Merphalan
Mestranol
Mustard Gas
Nafenopin
Niridazole
Nitrogen mustard (Mechlorethamine)
Nitrogen mustard hydrochloride (Mechlorethamine HC1)
4-(N-Nitrosomethylamino)-1-(3-pyridyl)1-butanone

Norethisterone (Norethindrone)
Oxymetholone
Panfuran S
Progesterone
Radionuclides
Testosterone and its esters
Thorium dioxide
Treosulfan
Trichlormethine (Trimustine hydrochloride)
Uracil mustard

4. **Fourth Priority**

Alcoholic beverages
Analgesic mixtures containing phenacetin
Betel quid with tobacco
Bitumens, extracts of steam-refined
Bracken fern
Carbon-black extracts
Certain combined chemotherapy for lymphomas
Citrus Red No. 2
Conjugated estrogens
Creosotes
Cycasin
D&C Orange No. 17
D&C Red No. 8
D&C Red No. 19
Diesel engine exhaust
Erionite
Ethyl methanesulfonate
Gasoline engine exhaust (condensates/extracts)
Iron dextran complex
8-Methoxypsoralen with ultraviolet A therapy
5-Methoxypsoralen with ultraviolet A therapy
Methylazoxymethanol
Methylazoxymethanol acetate
Nitrogen mustard N-oxide
Nitrogen mustard N-oxide hydrochloride
3-(N-Nitrosomethylamino)propionitrile
Oil Orange SS
Oral contraceptives, combined
Oral contraceptives, sequential
Residual (heavy) fuel oils
Shale-oils
Soots, tars, and mineral oils
Talc containing asbestos fibers
Tobacco, oral use of smokeless products
Tobacco smoke
Tris(aziridinyl)-para-benzoquinone (Triaziquone)
Unleaded gasoline (wholly vaporized)